



522893

March 17, 1981

To: Files  
From: R. Cleaton

Subject: Outfall inspection, U. S. Steel Gary Works

An inspection was made this date of the outfalls of the subject Company. Mr. Victor Nordlund, of U. S. Steel Environmental Engr Department accompanies me on this inspection.

Head of River	clear, low flow, niticed iron leaching from ground water feeding into river
001	clear
005	clear 2 fish in water <i>don't eat them if you catch em.</i>
007	clear but lots of algae in discharge
010	down, no flow, lots of fish in water
	Boom at this point tipped over thus not catching floating oil or coal dust. told to fix
015	clear
	Virginia Street Bridge-river clear slight oil but lots of floating coal dust
017	no flow
018	slite red color
019	slite color
020	very red color. we found later by phone calls that the engineering department was trying to adjust the damplers and other devices at the #1 BOF Air quality at this time from the monitors at the BOF shop was very bad. At times noticed red dust emitting from the venturi scrubbers.
	Boom on river OK. River OK but had very dark red color due to above
021	no flow
025	slite color due to problems at BOF shop
030	same
033	yellow color. This outfall has only cooling water from gas generating shops but has considerable infiltration from old acid dump area thus yellow color
	slight oil red color
	All devices operating OK. Good conditions
	slite floc on some clarifiers
035	good, clear
	No inspections were made on other Lake outfalls, Wave action of lake to high to permit driving. waves and spume coming over breakwall.
	BFC Recycle system 28 mgd flow good. cleaning wet wells.

Area Ltd

Buchanan St river

Terminal Treatment plant